

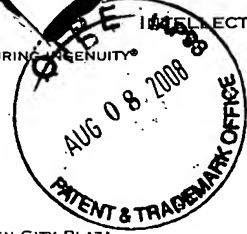
1FW



SCULLY, SCOTT, MURPHY & PRESSER PC

INTELLECTUAL PROPERTY LAW

SECURING INVENTIVITY



400 GARDEN CITY PLAZA
SUITE 300
GARDEN CITY, NY 11530
516-742-4343
FAX: 516-742-4366
E-MAIL: INTPROP@SSMP.COM
WWW.SSMP.COM

August 01, 2008

LEOPOLD PRESSER
FRANK S. DIGIGLIO
PAUL J. ESATTO, JR.
JOHN S. SENSNY
MARK J. COHEN
EDWARD W. GROLZ
STEVEN FISCHMAN
PETER I. BERNSTEIN
THOMAS SPINELLI
XIAOCHUN ZHU

MARVIN BRESSLER
RICHARD J. DANYKO
DENNIS J. DUNCAN†
THEODORE GOTTLIEB
ARTI KANE
HARRY A. HILD
EUNHEE PARK
MICHAEL A. PETROCELLI^
DARRELL L. POGUE
GREGORY SPEKTOR
KATHERINE R. VIEYRA°
JOHN F. VODOPIA
SETH M. WEINFELD
KEITH A. WELTSCH*
ZHUANG YUAN^

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: USSN: 10/586,758
Satoshi Itoi, et al.
Our Docket: 20072

PATENT AGENTS
LESLIE S. SZIVOS, PH.D.
BYEONGJU PARK, PH.D.
JOHN PYUN
QIAN ZHANG
EDMUND GUTIERREZ, PH.D.
ANIKET PATEL

COUNSEL
RICHARD L. CATANIA
BARRY M. KRIVISKY
ALLEN R. MORGANSTERN
ALEK P. SZECZY
STEPHEN A. YOUNG

TECHNICAL CONSULTANTS
DOMINICK A. TUCCIO
HESONG CAO
SACHIN KANDHARI

RETIRED
JOHN F. SCULLY
STEPHEN D. MURPHY

ANTHONY C. SCOTT
1931-1994

°OH BAR ONLY
*DC AND MD BAR ONLY
^CT BAR ONLY
^NJ BAR ONLY

Dear Sirs:

The Filing Receipt for the above-identified patent application does not list the Assignment for Published Patent Application Information. It should read as follows:

Assignment For Published Patent Application

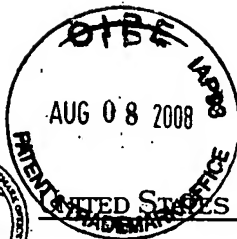
NEC Corporation, Tokyo, Japan

as indicated on the enclosed pages. Please make the corrections and send us a corrected Filing Receipt.

Very truly yours,

Scully, Scott, Murphy & Presser, P.C.
Scully, Scott, Murphy & Presser, P.C.

SSM&P/bb
Encl.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/586,758	02/27/2007	2621	3840	20072	36	9

CONFIRMATION NO. 7993

23389

SCULLY SCOTT MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA
SUITE 300
GARDEN CITY, NY 11530

FILING RECEIPT



Date Mailed: 03/10/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Satoshi Itoi, Tokyo, JAPAN;
Noriaki Sakai, Kanagawa, JAPAN;
Masahiro Nakashika, Kanagawa, JAPAN;
Yasufumi Tsumagari, Kanagawa, JAPAN;
Shinichi Kikuchi, Kanagawa, JAPAN;

Power of Attorney:

Stephen Murphy--22002 Mark Cohen--32211
William Roch--24972
Donald Black--27999
Paul Esatto--30749
Frank DiGiglio--31346

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP2005/001028 01/20/2005

Foreign Applications

JAPAN 2004-012375 01/20/2004
JAPAN 2004-255136 09/02/2004

If Required, Foreign Filing License Granted: 03/06/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention,
is **US 10/586,758**

Projected Publication Date: 06/12/2008

Non-Publication Request: No

Early Publication Request: No
Title

Data Recording Method, Data Playback Apparatus, and Recording Medium

Preliminary Class

386

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

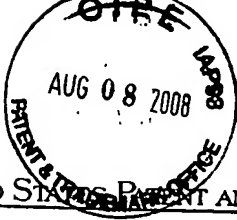
The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/586,758	FIRST NAMED APPLICANT Satoshi Itoi	ATTY. DOCKET NO. 20072
---	---------------------------------------	---------------------------

23389
SCULLY SCOTT MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA
SUITE 300
GARDEN CITY, NY 11530

INTERNATIONAL APPLICATION NO. PCT/JP2005/001028	
I.A. FILING DATE 01/20/2005	PRIORITY DATE 01/20/2004

CONFIRMATION NO. 7993
371 ACCEPTANCE LETTER



Date Mailed: 03/10/2008

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

02/27/2007
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1),
(c)(2) and (c)(4) REQUIREMENTS

02/27/2007
DATE OF COMPLETION OF ALL
35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 07/20/2006
- English Translation of the IA filed on 07/20/2006
- Copy of the International Search Report filed on 07/20/2006
- Copy of IPE Report filed on 07/20/2006
- Information Disclosure Statements filed on 08/21/2006
- Oath or Declaration filed on 02/27/2007
- U.S. Basic National Fees filed on 07/20/2006
- Priority Documents filed on 07/20/2006
- Non-English Language Application filed on 07/20/2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

RODERICK M JONES

Telephone: (703) 308-9140 EXT 181

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

- (1) Satoshi ITOI of Tokyo, Japan,
- (2) Noriaki SAKAI of Kanagawa, Japan,
- (3) Masahiro NAKASHIKA of Kanagawa, Japan,
- (4) Yasufumi TSUMAGARI of Kanagawa, Japan, and
- (5) Shinichi KIKUCHI of Kanagawa, Japan,

Hereby sell, assign and transfer to

- (1) NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan,
- (2) NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan, and
- (2) KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

their successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on Dec. 20, 2006; Dec. 25, 2006; Jan. 10, 2007 and is entitled

DATA RECORDING METHOD, DATA PLAYBACK APPARATUS, AND
RECORDING MEDIUM

which was filed as a PCT International Application on January 20, 2005 and which was given an International Application Number PCT/JP2005/001028

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvement;

Authorize and request the Commissioner of Patents to issue to said Assignee, their successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said

PATENTS ONLY

Tab settings → → →

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1) Satoshi Itoi 2) Noriaki Sakai 3) Masahiro Nakashika
4) Yasufumi Tsumagari 5) Shinichi Kikuchi

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: NEC Corporation

Address: 7-1, Shiba 5-chome, Minato-ku

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 1) 12/20/06 2) 12/25/06 3-5) 1/10/07

City: TOKYO

State/Prov.: _____

Country: JAPAN

ZIP: _____

Additional name(s) & address(es)

☒ Yes ☐ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

10/586,758

July 20, 2006

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Scully, Scott, Murphy & Presser

400 Garden City Plaza, Suite 300

City: Garden City

State/Prov.: New York

Country: USA

ZIP: 11530

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

19-1013 (SSMP)

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul J. Esatto, Jr.

Name of Person Signing

Signature

February 26, 2007

Date

Total number of pages including cover sheet, attachments, and document: 7